CLAIMS

1. Device for measuring the enzymatic
activity of a solid feed sample, characterized in that
it comprises a container designed to contain the test
sample, a reagent specific for the enzyme whose
activity it is desired to measure and a buffer for
dissolving the said enzyme.

2. Device according to claim 1,
characterized in that the test sample is a solid feed,
which is preferably untreated.

3. Device according to claim 1 ~~or 2~~,
characterized in that the said container is a single-
use graduated column or tube fitted with a leakproof
opening and closure system.

4. Device according to claim 3,
characterized in that the said container comprises a
cleavable protuberance at its base, allowing the liquid
part of its contents to flow out.

5. Device according to ~~any one of claims 1
to 4~~, claim 1 characterized in that the reagent is the
substrate for the enzyme linked to a chromophore.

6. Device according to ~~any one of claims 1
to 5~~, claim 1 characterized in that the reagent is in solid or
liquid form.

7. Device according to claim 1,
characterized in that the buffer used to measure the

activity of the enzyme is chosen from acetic

acid/sodium acetate; glycine hydrochloride/glycine;

aconitic acid/sodium hydroxide; formic acid/sodium

formate buffers.

5   8.   Use of the device according to claim 1,

to measure enzymatic activity quantitatively,

characterized in that the coloration obtained is

compared with a standard curve.

9.   Process for measuring the enzymatic

10 activity of a feed, characterized in that 10 ml of

sample whose enzymatic activity it is desired to

measure are introduced into the device according to

claims 1 to 3, reagent in the form of a solid bead is

introduced; specific buffer is introduced up to the

15 20 ml graduation mark; after closure of the column with

the stopper, the column is shaken vigorously several

times; the liquid phase is separated from the solid

phase, the liquid phase is recovered and the intensity

of the coloration is measured by comparison with a

20 colour scale.